

FEDERAL METADATA COORDINATORS' WEBINAR:
**ISO GEOSPATIAL METADATA
IMPLEMENTATION FORUM**

Welcome

Jennifer Carlino
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**Why We
Implemented
ISO Metadata?**

Lynda Liptrap
US Census Bureau

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Scott Hills
Chevron
Representative to
Energetics Metadata
Work Group

Wednesday
February 12,
2014

WELCOME TO THE ISO METADATA IMPLEMENTATION FORUM

Jennifer Carlino
US Geological Survey
and
Federal Geographic Data Committee
jcarlino@usgs.gov

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BACKGROUND

- Forum concept initiated during FGDC Metadata Summit breakout groups
 - Build upon knowledge & experiences
 - Share use cases
- Reinforced during the ISO Implementation Webinar discussion & follow up survey
 - Interest in establishing community of practice to learn from others
 - Engage in presentation & discussion



Metadata Summit
October 2011



ISO Implementation
Webinar April 2013

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FGDC sponsored Metadata Summit:

http://www.fgdc.gov/metadata/events/metadata-summit/index_html

Three Breakout Groups at Summit:

Policy and Guidance – providing framework for enhancing transition across organizations

Tools and Applications – providing the means to transition

Education and Communication – providing the instruction for transition and learning from others

Federal Metadata Coordinator Webinar: ISO Geospatial Metadata Implementation:

http://www.fgdc.gov/metadata/events/ISO_Implementation_Webinar/index_html

PURPOSE

Offer a webinar information series for the presentation & discussion of ISO geospatial metadata standards implementation efforts through shared experiences, strategies, topics, & resources.



Audience: FGDC Metadata Working Group & other interested participants



Presenters: Community participants willing to share their expertise in common interest areas



Anticipated Outcome: Each session documented & available at the FGDC Metadata website; stimulate ideas and promote use



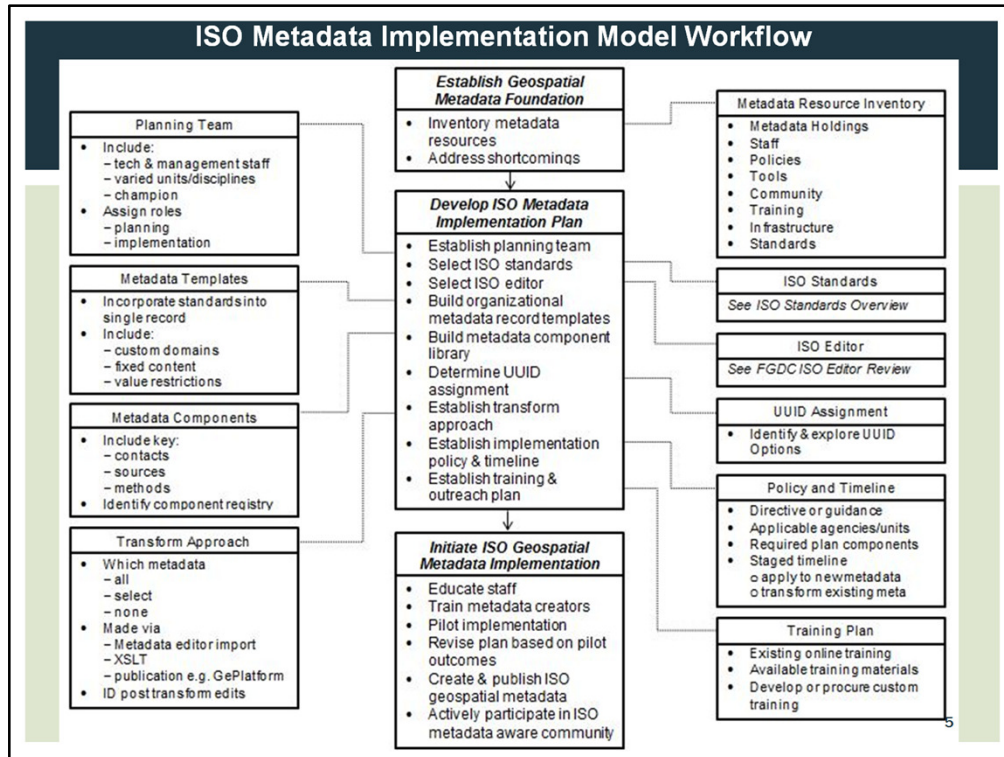
http://www.fgdc.gov/metadata/events/iso-geospatial-metadata-implementation-forum/index_html

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Mention the information may ultimately be included in a GeoPlatform community



A lot of what we will be discussing relates back to this model workflow that was discussed in the ISO Webinar in April 2013.

With three main areas of Implementation (Establish Foundation, Develop Plan, Initiate Implementation)

The Workflow represents a framework for this Forum and demonstrates that implementation occurs in a variety of ways and not necessarily in a linear fashion.

Participants are encouraged to explore the model and bring their own experiences to the discussion.

WHICH ISO STANDARDS?

- ISO 119115: Geospatial Metadata
- ISO 19115-2: Imagery & Gridded Data Extension
- ISO 19115-1: Metadata: Part 1 - Fundamentals (pending revision to 19115)
- ISO 19119: Geospatial Services
- ISO 19110: Feature Catalog
- ISO 19139: Geographic Information - XML Schema
- ISO 19157: Data Quality
- ISO 19115 North American Profile (NAP) best practices
- & others

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Implementation to date has focused on ISO 19115 and ISO 19115-2. The full suite of standards, including the ISO 19115-1 five year update to 19115 will be addressed as relevant.

2014 SCHEDULE

Time: 3:00-4:30 PM ET with 60 minutes presentation & 30 minutes discussion

Date (Wednesdays)	Title
January 8	Why Implement ISO Metadata?
February 12	Why We Implemented ISO metadata
March 12	Metadata Working Group Meeting
April 9	ISO Metadata Implementation Tools - Federal
May 14	ISO Metadata Implementation Tools - Commercial
June 11	Metadata Working Group Meeting
July 9	ISO Metadata Implementation Workflow Model
August 13	ISO Metadata Implementation Workflow Experience
September 10	Metadata Working Group Meeting
October 8	To Be Announced • <i>Community Profile Development</i>
November 12	To Be Announced • <i>Transforming CSDGM to ISO</i>
December 10	Metadata Working Group Meeting • <i>Other?</i>

- 2014 is pilot year
- We mapped initial topics based on Summit and Webinar
- Participant input is needed to extend topics/schedules
- Anticipate that interest may be higher for some topics – maybe even need to have more than one session

MORE INFORMATION

If you are interested in presenting or have other topic suggestions, please send ideas to Lynda Wayne (Lynda@GeoMaxim.com) or Jennifer Carlino (jcarlino@usgs.gov)

Presentation Materials & Information will be available at:
http://www.fgdc.gov/metadata/events/iso-geospatial-metadata-implementation-forum/index_html

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Encourage you to get involved – share ideas, present experiences to the community.

LOGISTICS

- Use Lecture Mode during presentations
- Please use the chat box for questions
 - Will answer as many questions as possible
 - Distribute summary of questions/answers afterwards
- Forum will be recorded
- Participate in as many Forum sessions as you like
- Presentations, Questions/Answers, and Recordings will be posted at:

<http://www.fgdc.gov/metadata/events/iso-geospatial-metadata-implementation-forum/index.html>

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Rules of Engagement and Approach for this Forum session

Want you to use the chat box, so questions are documented and answers can be provided after the session if there wasn't enough time to address all questions.

Note that we may adjust the discussion session to remove the lecture mode

This Forum is our test, we're learning – let us know how it works for you!

WHY WE IMPLEMENTED ISO METADATA STANDARDS?

Lynda Liptrap
US Census Bureau
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Scott Hills
Chevron
Representative to Energetics Metadata Work Group
SJHills@chevron.com

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DISCUSSION

Jennifer Carlino
US Geological Survey
and
Federal Geographic Data Committee
jcarlino@usgs.gov

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QUESTIONS

From Census presentation:

Given that ISO 19110 is under revision, any risk with moving forward with Feature Catalog?

Yes, but we needed to move forward and will stay aware of changes

ISO Metadata is usually presented as XML, are there stylesheets out there?

- ftp://ftp.ncddc.noaa.gov/pub/Metadata/Online_ISO_Training/Intro_to_ISO/transforms/stylesheet/
- ftp://ftp.ncddc.noaa.gov/pub/Metadata/Online_ISO_Training/Intro_to_ISO/sample_metadata/DWH_GG1001.html
- <http://www.ngdc.noaa.gov/metadata/published/views/>

QUESTIONS

From Census presentation, cont'd:

Where does Census Bureau store their components?

At the NOAA Docump API

<http://www.ngdc.noaa.gov/metadata/published/views/>

Did you create your own tool?

Used series of internal resources that would not be applicable to other organizations, high customized

QUESTIONS

From Energistics Presentation

How does 19115 support the documentation of unstructured data?

Key concern was the need to automate metadata generation, this was particularly important for unstructured data, heavy use of text analytics (geoparsing – identification of place names)

With respect to the earlier question about risk -

- Energistics work demonstrates the value of taking risk and forging ahead, helps shape the standard and revisions
- If interested in testing transforms of ISO 19115-1 or reviewing the draft contact thabermann@hdfgroup.org